

# Norming tales

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Markushevich bases (M-bases, for short) are an extremely handy tool in Banach space theory. Compared to the more common notion of Schauder bases, they offer two clear advantages: firstly, they exist in every separable Banach space and second their definition is equally well suited for non-separable Banach spaces. For these reasons their existence and properties have been intensely studied and several classes of Banach spaces have been detected, that can be characterised by the existence of M-bases with specific properties.

In the talk we shall focus on norming M-bases, namely M-bases where the linear span of the coordinate functionals is a norming subspace. We will explain their connection with WCG Banach spaces and survey some recent results in the area. Along the way, we will also mention some open problems and possible directions for further research.